

SLATE MERCHANTS can have their SLATES
LIGHTERED upon very advantageous terms, by
CHARLES STRETTON,
Lighterman,
34, Commercial-road, Lambeth.

SAW MILL PROPRIETORS and **TIMBER**
MERCHANTS
can have their GOODS LIGHTERED upon very advantageous
terms by
CHARLES STRETTON (sole Lighterman to the Commercial
Dock Company),
34, Commercial-road, Lambeth.—Barques let on hire.



JENNINGS'S PATENT SHOP SHUTTER.
RIDGE and PARTNER costs HALF the PRICE of the
usually SHUTTER RAIL.
May be had from any Ironmonger, or from the Patentee
GEORGE JENNINGS, 28, Great Charlotte-street, Blackfriars-road.

CALORIFERE.—Gold Medal, Paris Exhibition,
1852.—A round cubic foot room warmed by hot air only, at
3 degrees Fahrenheit, in burning 10 lbs. of coal per hour. The
most complete safety against fire, the healthiest and most powerful
ventilation, with any machinery, are obtained by BULLEVEY
PATENT CALORIFERE. The constant supply of fresh air
arrives out instantaneously, by a new well-improved process,
all damp or vitiated air, that makes it very desirable for churches,
schools, theatres, hospitals, manufacturing clubs, houses of any
size, laundries, and green houses. The Calorifere has been adopted
by his Grace the Duke of Bedford, at Woburn Abbey, by several
architects, and it may be seen in operation in many places in
London and country.—Apply, per post, to T. BULLEVEY, French
Engineer, 14, Fenchurch-street, London.

TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 2 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for
RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND
PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY
and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured to sizes expressly for Ridge and Furrow Roofs, giving a span of from 8 to 18 feet, at a price not exceeding weight for weight that of common Crown Glass.
Not being transparent, blinds are unnecessary, and when used in Greenhouses no screening occurs; the TRANSPARENT and strength render it eminently suitable for the Glazing of Louvers,
barns and Roofs of all kinds; also Factories, Workshops, &c., for which purpose it is supplied in squares of all sizes, from 6 by 8 inches and upwards.
For further information apply to Messrs. JAMES HARTLEY and CO., Glass Works, Sunderland.
N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

GLASS IN EVERY VARIETY MANUFACTURED

FOR SHOP FRONTS, WINDOWS, AND HORTICULTURAL PURPOSES.

THOMAS MILLINGTON, IMPORTER AND DEALER, 87, BISHOPSGATE-STREET WITHOUT

GLASS.

SHEET GLASS, 16 oz. to the foot, in 100-foot Boxes, and many other sizes, at 1/6 each, box included—
12 by 18 12 by 24 12 by 30 12 by 36 12 by 42 12 by 48 12 by 54 12 by 60 12 by 66 12 by 72 12 by 78 12 by 84 12 by 90 12 by 96 12 by 102 12 by 108 12 by 114 12 by 120 12 by 126 12 by 132 12 by 138 12 by 144 12 by 150 12 by 156 12 by 162 12 by 168 12 by 174 12 by 180 12 by 186 12 by 192 12 by 198 12 by 204 12 by 210 12 by 216 12 by 222 12 by 228 12 by 234 12 by 240 12 by 246 12 by 252 12 by 258 12 by 264 12 by 270 12 by 276 12 by 282 12 by 288 12 by 294 12 by 300 12 by 306 12 by 312 12 by 318 12 by 324 12 by 330 12 by 336 12 by 342 12 by 348 12 by 354 12 by 360 12 by 366 12 by 372 12 by 378 12 by 384 12 by 390 12 by 396 12 by 402 12 by 408 12 by 414 12 by 420 12 by 426 12 by 432 12 by 438 12 by 444 12 by 450 12 by 456 12 by 462 12 by 468 12 by 474 12 by 480 12 by 486 12 by 492 12 by 498 12 by 504 12 by 510 12 by 516 12 by 522 12 by 528 12 by 534 12 by 540 12 by 546 12 by 552 12 by 558 12 by 564 12 by 570 12 by 576 12 by 582 12 by 588 12 by 594 12 by 600 12 by 606 12 by 612 12 by 618 12 by 624 12 by 630 12 by 636 12 by 642 12 by 648 12 by 654 12 by 660 12 by 666 12 by 672 12 by 678 12 by 684 12 by 690 12 by 696 12 by 702 12 by 708 12 by 714 12 by 720 12 by 726 12 by 732 12 by 738 12 by 744 12 by 750 12 by 756 12 by 762 12 by 768 12 by 774 12 by 780 12 by 786 12 by 792 12 by 798 12 by 804 12 by 810 12 by 816 12 by 822 12 by 828 12 by 834 12 by 840 12 by 846 12 by 852 12 by 858 12 by 864 12 by 870 12 by 876 12 by 882 12 by 888 12 by 894 12 by 900 12 by 906 12 by 912 12 by 918 12 by 924 12 by 930 12 by 936 12 by 942 12 by 948 12 by 954 12 by 960 12 by 966 12 by 972 12 by 978 12 by 984 12 by 990 12 by 996 12 by 1000
Cases in large sheets, superior, for Shop Fronts or cutting up, in either 100, 50, or 20 feet cases, at 8/6 per 100 feet, or 2/6 per foot.
ROUGH PLATE GLASS, for Skylights, Greenhouses, and Pavements, from 1/2 to 1 1/2 inch thick. Estimates given for Plate Glass and Patent Plate, for Shop Fronts, &c.
COLOURED GLASS.—Ruby, in 1/2, 3/4, 1, 1 1/2, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84, 88, 92, 96, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 148, 152, 156, 160, 164, 168, 172, 176, 180, 184, 188, 192, 196, 200, 204, 208, 212, 216, 220, 224, 228, 232, 236, 240, 244, 248, 252, 256, 260, 264, 268, 272, 276, 280, 284, 288, 292, 296, 300, 304, 308, 312, 316, 320, 324, 328, 332, 336, 340, 344, 348, 352, 356, 360, 364, 368, 372, 376, 380, 384, 388, 392, 396, 400, 404, 408, 412, 416, 420, 424, 428, 432, 436, 440, 444, 448, 452, 456, 460, 464, 468, 472, 476, 480, 484, 488, 492, 496, 500, 504, 508, 512, 516, 520, 524, 528, 532, 536, 540, 544, 548, 552, 556, 560, 564, 568, 572, 576, 580, 584, 588, 592, 596, 600, 604, 608, 612, 616, 620, 624, 628, 632, 636, 640, 644, 648, 652, 656, 660, 664, 668, 672, 676, 680, 684, 688, 692, 696, 700, 704, 708, 712, 716, 720, 724, 728, 732, 736, 740, 744, 748, 752, 756, 760, 764, 768, 772, 776, 780, 784, 788, 792, 796, 800, 804, 808, 812, 816, 820, 824, 828, 832, 836, 840, 844, 848, 852, 856, 860, 864, 868, 872, 876, 880, 884, 888, 892, 896, 900, 904, 908, 912, 916, 920, 924, 928, 932, 936, 940, 944, 948, 952, 956, 960, 964, 968, 972, 976, 980, 984, 988, 992, 996, 1000
SLATES and **TILES**, with every article, on the lowest terms.
MILLED SHEET LEAD, PATENT LEAD PIPE, SOIL PIPE, COCKS, WATERCLOSETS,
VARNISHES AND COLOURS.

GENUINE WHITE LEAD, BRUNSWICK GREENS, BLUE, CHROMES, PAINTERS' BRUSHES, GLAZIERS' DIAMONDS AND TOOLS.

REDUCTION IN THE PRICES OF PLATE GLASS.

THE UNION PLATE GLASS COMPANY respectfully inform the Trade and the Public generally, that they have revised their Tariff of Prices, and made considerable
reductions therein.

The New Lists may be had on application at the Works, Pocket Book, St. Helens.

Warehouse, 96, Hatton-garden, London; 11, York-street, Manchester; 15, South John-street, Liverpool; Messrs. C. and J. MALLOCK, 30, Turner's-court, Glasgow;
JOHN DIX and CO. Bath-street, Bristol.

ALFRED GOSLETT, 26, SOHO-SQUARE,

Begs to inform Builders and the Trade generally, that the following descriptions of GLASS can be procured either wholesale in crates, as manufactured, or cut to given sizes, in
his extensive establishment:—

PLATE GLASS at the recently reduced rates.

ROUGH PLATE GLASS, 1/2, 3/4, 1, and 1 1/2 inch thick.

HARTLEY'S PATENT ROLLED ROUGH, PATENT FLUTED, and PATENT QUARRY

GLASS, 1/2, 3/4, 1, and 1 1/2 inch thick.

ORNAMENTAL GLASS of every description, at prices ranging from 1s. per superficial foot.

In the **LOOKING-GLASS** DEPARTMENT there are THREE EXTENSIVE SHOW-ROOMS devoted to the display of Looking-glasses, Cassel Tables, Girandoles, Cornices, picture frames,
and Mahogany Dressing and Chelval Glasses, in every variety of modern design.

STAINED, COLOURED, and CATHEDRAL GLASS.

CROWN and SHEET GLASS of every description manufactured.

BELGIAN SHEET GLASS in 30-foot cases, at 6/6 per case; in parcels of five cases, at 5s.
and in parcels of ten cases, at 4/6 per case, for cash on delivery.

This Ventilator produces the only true system of ventilation; is opened or closed with ease; can be fitted into metal casings,
stone mullions if required. It has been adopted at many banking-houses, hotels, public buildings, warehouses, &c. with perfect
success.

PROPHETERS AND OTHERS.—Hill a glass jar over a gaslight; it instantly fills with steam; and where several candles
are burning thousands of gallons are given off in one night, which injures health and destroys delicate fabrics and ornaments.
THE REMEDY.—

MOORE'S PATENT VENTILATOR!

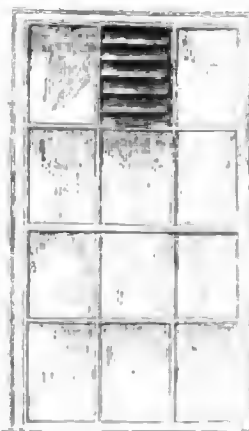
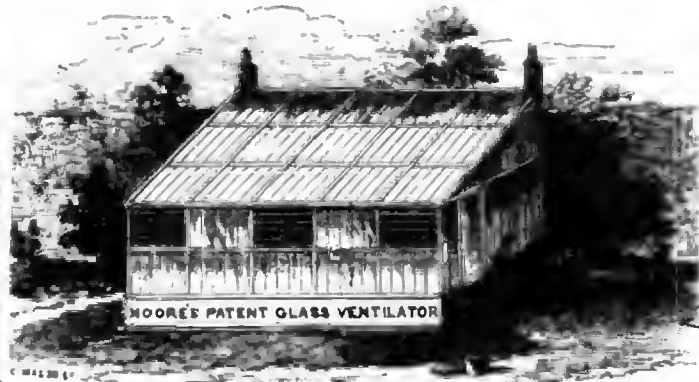
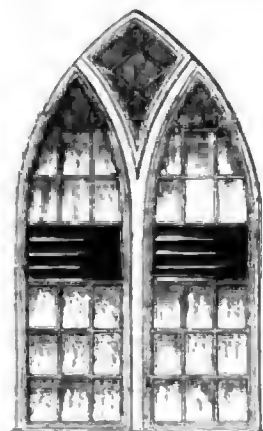
MANUFACTORY: SEKFORDE WORKS, ST. JAMES'S-WALK, CLERKENWELL

Church and House Clock-Makers to the H.M. Board of Ordnance, the Russian Government, and the Emperor of China

MANUFACTORY: 28 and 30, CLERKENWELL-CLOSE, LONDON.

Number of Church and Turret Clocks made, 614. Ditto House Clocks, 12,000.

Quality must be stated or the best will be sent.—Fractional parts of an inch will be charged as the next size larger.
Ventilators made to any size, and to most forms of arches; also for any of fan lights, and other purposes from 1/6 per foot.
No 1. Zinc frames and louver, 18 oz. sheet-glass, rough edges.—No 2. Zinc frames and louver, 21 oz. sheet-glass, rough
edges.—No 3. Zinc frames, brass louver, patent plate-glass ground edges.—Heavy brass frame and louver, British plate-glass, ground at
polished edges.—HEIGHT and WIDTH MUST BE DISTINCTLY STATED.



Size in inches.	No. 1.	No. 2.	No. 3.	Best.
16 by 8	0 5 0	0 10 0	0 18 0	2 0 0
18 by 9	0 6 0	0 12 0	0 20 0	2 2 0
20 by 10	0 7 0	0 14 0	0 22 0	2 4 0
22 by 11	0 8 0	0 16 0	0 24 0	2 6 0
24 by 12	0 9 0	0 18 0	0 26 0	2 8 0
26 by 13	0 10 0	0 20 0	0 28 0	3 0 0
28 by 14	0 11 0	0 22 0	0 30 0	3 2 0
30 by 15	0 12 0	0 24 0	0 32 0	3 4 0
32 by 16	0 13 0	0 26 0	0 34 0	3 6 0
34 by 17	0 14 0	0 28 0	0 36 0	3 8 0
36 by 18	0 15 0	0 30 0	0 38 0	4 0 0
38 by 19	0 16 0	0 32 0	0 40 0	4 2 0
40 by 20	0 17 0	0 34 0	0 42 0	4 4 0
42 by 21	0 18 0	0 36 0	0 44 0	4 6 0
44 by 22	0 19 0	0 38 0	0 46 0	4 8 0
46 by 23	0 20 0	0 40 0	0 48 0	5 0 0
48 by 24	0 21 0	0 42 0	0 50 0	5 2 0
50 by 25	0 22 0	0 44 0	0 52 0	5 4 0
52 by 26	0 23 0	0 46 0	0 54 0	5 6 0
54 by 27	0 24 0	0 48 0	0 56 0	5 8 0
56 by 28	0 25 0	0 50 0	0 58 0	6 0 0
58 by 29	0 26 0	0 52 0	0 60 0	6 2 0
60 by 30	0 27 0	0 54 0	0 62 0	6 4 0
62 by 31	0 28 0	0 56 0	0 64 0	6 6 0
64 by 32	0 29 0	0 58 0	0 66 0	6 8 0
66 by 33	0 30 0	0 60 0	0 68 0	7 0 0
68 by 34	0 31 0	0 62 0	0 70 0	7 2 0
70 by 35	0 32 0	0 64 0	0 72 0	7 4 0
72 by 36	0 33 0	0 66 0	0 74 0	7 6 0
74 by 37	0 34 0	0 68 0	0 76 0	7 8 0
76 by 38	0 35 0	0 70 0	0 78 0	8 0 0
78 by 39	0 36 0	0 72 0	0 80 0	8 2 0
80 by 40	0 37 0	0 74 0	0 82 0	8 4 0
82 by 41	0 38 0	0 76 0	0 84 0	8 6 0
84 by 42	0 39 0	0 78 0	0 86 0	8 8 0
86 by 43	0 40 0	0 80 0	0 88 0	9 0 0
88 by 44	0 41 0	0 82 0	0 90 0	9 2 0
90 by 45	0 42 0	0 84 0	0 92 0	9 4 0
92 by 46	0 43 0	0 86 0	0 94 0	9 6 0
94 by 47	0 44 0	0 88 0	0 96 0	9 8 0
96 by 48	0 45 0	0 90 0	0 98 0	10 0 0
98 by 49	0 46 0	0 92 0	0 100 0	10 2 0
100 by 50	0 47 0	0 94 0	0 102 0	10 4 0
102 by 51	0 48 0	0 96 0	0 104 0	10 6 0
104 by 52	0 49 0	0 98 0	0 106 0	10 8 0
106 by 53	0 50 0	0 100 0	0 108 0	11 0 0
108 by 54	0 51 0	0 102 0	0 110 0	11 2 0
110 by 55	0 52 0	0 104 0	0 112 0	11 4 0
112 by 56	0 53 0	0 106 0	0 114 0	11 6 0
114 by 57	0 54 0	0 108 0	0 116 0	11 8 0
116 by 58	0 55 0	0 110 0	0 118 0	12 0 0
118 by 59	0 56 0	0 112 0	0 120 0	12 2 0
120 by 60	0 57 0	0 114 0	0 122 0	12 4 0
122 by 61	0 58 0	0 116 0	0 124 0	12 6 0
124 by 62	0 59 0	0 118 0	0 126 0	12 8 0
126 by 63	0 60 0	0 120 0	0 128 0	13 0 0
128 by 64	0 61 0	0 122 0	0 130 0	13 2 0
130 by 65	0 62 0	0 124 0	0 132 0	13 4 0
132 by 66	0 63 0	0 126 0	0 134 0	13 6 0
134 by 67	0 64 0	0 128 0	0 136 0	13 8 0
136 by 68	0 65 0	0 130 0	0 138 0	14 0 0
138 by 69	0 66 0	0 132 0	0 140 0	14 2 0
140 by 70	0 67 0	0 134 0	0 142 0	14 4 0
142 by 71	0 68 0	0 136 0	0 144 0	14 6 0
144 by 72	0 69 0	0 138 0	0 146 0	14 8 0
146 by 73	0 70 0	0 140 0	0 148 0	15 0 0
148 by 74	0 71 0	0 142 0	0 150 0	15 2 0
150 by 75	0 72 0	0 144 0	0 152 0	15 4 0
152 by 76	0 73 0	0 146 0	0 154 0	15 6 0
154 by 77	0 74 0	0 148 0	0 156 0	15 8 0
156 by 78	0 75 0	0 150 0	0 158 0	16 0 0
158 by 79	0 76 0	0 152 0	0 160 0	16 2 0
160 by 80	0 77 0	0 154 0	0 162 0	16 4 0
162 by 81	0 78 0	0 156 0	0 164 0	16 6 0
164 by 82	0 79 0	0 158 0	0 166 0	16 8 0
166 by 83	0 80 0	0 160 0	0 168 0	17 0 0
168 by 84	0 81 0	0 162 0	0 170 0	17 2 0
170 by 85	0 82 0	0 164 0	0 172 0	17 4 0
172 by 86	0 83 0	0 166 0	0 174 0	17 6 0
174 by 87	0 84 0	0 168 0	0 176 0	17 8 0
176 by 88	0 85 0	0 170 0	0 178 0	18 0 0
178 by 89	0 86 0	0 172 0	0 180 0	18 2 0
180 by 90	0 87 0	0 174 0	0 182 0	18 4 0
182 by 91	0 88 0	0 176 0	0 184 0	18 6 0
184 by 92	0 89 0	0 178 0	0 186 0	18 8 0
186 by 93	0 90 0	0 180 0	0 188 0	19 0 0
188 by 94	0 91 0	0 182 0	0 190 0	19 2 0
190 by 95	0 92 0	0 184 0	0 192 0	19 4 0
192 by 96	0 93 0	0 186 0	0 194 0	19 6 0
194 by 97	0 94 0	0 188 0	0 196 0	19 8 0
196 by 98	0 95 0	0 190 0	0 198 0	20 0 0
198 by 99	0 96 0	0 192 0	0 200 0	20 2 0
200 by 100	0 97 0	0 194 0	0 202 0	20 4 0

**STAINED, BRILLIANT CUT, OR ORNAMENTAL GLASS LOUVRES MADE TO CORRESPOND WITH
DESIGN OF WINDOW.**

By the use of the above Ventilator for greenhouses, hothouses, pine pits, and all botanical purposes, it will be found invaluable for
the amount of air admitted